| ••• | <br>Clair |  |
|-----|-----------|--|
|     |           |  |

| Application No.  | Applicant(s)    |  |  |  |  |  |
|------------------|-----------------|--|--|--|--|--|
| 10/649,613       | FUJISAKI ET AL. |  |  |  |  |  |
| Examiner         | Art Unit        |  |  |  |  |  |
| N. Drew Richards | 2815            |  |  |  |  |  |

| 1 | Rejected |
|---|----------|
| = | Allowed  |

| [- | (Through numeral)<br>Cancelled |
|----|--------------------------------|
|    | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

|   | 4        | Appeal   |
|---|----------|----------|
| - | <b>5</b> | Objected |

|              |          | ــــا    | Щ.                                  |   |          |              |          | ·              |              |                 |
|--------------|----------|----------|-------------------------------------|---|----------|--------------|----------|----------------|--------------|-----------------|
| Claim Date   |          |          |                                     |   |          |              |          |                |              |                 |
| Ula          |          |          |                                     |   |          |              |          |                |              |                 |
| Final        | Original | 2(8)5    | अधिक                                |   |          |              |          |                |              |                 |
|              | 1        | Ŀ        | /                                   |   | _        |              |          | ᅥ              |              | $\neg$          |
|              | 2        | 4        |                                     |   | $\neg$   |              |          | $\neg$         | _            | _               |
|              | 3        | H        | 00                                  |   |          |              |          |                |              |                 |
|              | 4        | #        | 0                                   |   |          |              |          |                | _            |                 |
|              | 5        | #        | 2                                   |   |          |              |          |                | 一            | $\neg$          |
|              | 6        | ╫╴       | X                                   |   |          |              |          |                | $\neg$       |                 |
|              | 7        | #        | Ť                                   | $\neg$  |          |              |          | $\neg$         | $\neg$       |                 |
|              | 8        | #        | Н                                   | $\neg$  |          |              | П        | $\neg$         |              |                 |
|              | 9        | #        |                                     |   |          | ,            |          |                |              |                 |
|              | 10       | ╫        |                                     |   | -        |              |          |                |              |                 |
|              | 11       | IT       | $\top$                              |   |          |              |          |                |              |                 |
|              | 11<br>12 | 1        | IT                                  |   |          |              |          |                |              |                 |
|              | 13       | $\Pi$    | П                                   |   |          |              |          |                |              |                 |
|              | 14       | II       | П                                   |   |          |              |          |                |              |                 |
|              | 15       | V        | ₽                                   |   |          |              |          |                |              |                 |
|              | 16<br>17 | =        | 2                                   |   |          |              |          |                |              |                 |
|              | 17       |          |                                     |   |          |              |          |                |              |                 |
|              | 18       |          |                                     |   |          |              |          |                |              |                 |
|              | 18<br>19 | 1        | T                                   |   |          |              |          |                |              |                 |
|              | 20       | 1        |                                     |   |          |              |          |                |              |                 |
|              | 21       | П        |                                     |   |          |              |          |                |              |                 |
|              | 22       | П        | Г                                   |   |          |              |          |                |              |                 |
| -            | 23       | Π        |                                     |   |          |              |          |                |              |                 |
|              | 24       |          |                                     |   |          |              |          |                |              |                 |
|              | 25       |          |                                     |   |          |              |          |                |              | Ш               |
|              | 26<br>27 |          |                                     |   |          | L            |          |                |              |                 |
|              | 27       |          | L                                   |   |          |              |          |                |              |                 |
|              | 28       |          |                                     |   |          |              |          |                |              |                 |
|              | 29       | L        |                                     |   |          |              |          |                |              | Ш               |
|              | 30       | L        | L                                   | L   | L.       |              | L        |                |              | Ш               |
|              | 31       | <u> </u> | _                                   |   | L_       |              | Ŀ        | _              |              | Ш               |
| ·            | 32       | ┺        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _   | L_       | L            | oxdot    | L_             |              | Ш               |
|              | 33       | _        |                                     | $ldsymbol{le}}}}}}$ | L        | L_           | _        | L_             |              | Ш               |
|              | 34       | ↓_       | <u> </u>                            | ļ   | <b> </b> | <u> </u>     | <b> </b> | ļ              | ļ            | $\sqcup$        |
|              | 35       | $\vdash$ | <b> </b>                            | ļ   | <b> </b> | <u> </u>     | <u> </u> | -              | ļ            | $\vdash \vdash$ |
| ļ            | 36       | ₩        | ļ                                   |   | ļ        | <del> </del> |          |                |              | $\vdash$        |
| <b></b>      | 37       | 1-       | <del> </del>                        |   | <u> </u> | <u> </u>     | <b> </b> |                | <u> </u>     |                 |
| <u> </u>     | 38       | ┼        | ├                                   | <del> </del>  | <u> </u> | -            | -        |                | <del> </del> | $\vdash \vdash$ |
| <u> </u>     | 39       | ┼-       | ⊬                                   | <del> </del>  | ├-       | -            | ├-       | <del>  -</del> | <del> </del> | $\vdash$        |
| <u> </u>     | 40       | ⊢        | ⊢                                   | ⊢   | ⊢        | <b>├</b>     | $\vdash$ | $\vdash$       | -            | Н               |
|              | 41       | ╀        | ⊢                                   | Ŀ   | ├        | <del> </del> | ⊢        | $\vdash$       | -            | $\vdash$        |
| <u> </u>     | 42       | ┼        | ├-                                  | ₩   | -        | ├            | ├-       | -              | -            | Н               |
| Ь—           | 43       | +        | -                                   | ├   | $\vdash$ | <del> </del> | ├        | -              |              | $\vdash$        |
| <b> </b>     | 44       | ╀        | -                                   | ├   |          | 1            | -        |                | -            | Н               |
| <b> </b>     | 45       | ╁        | <del> </del>                        | ├-  | ├-       | ├-           |          | -              | $\vdash$     |                 |
| <b></b> -    | 46       | +        | ╁                                   | ⊢   | ├        | ⊢            | $\vdash$ | -              | -            | Н               |
| <u> </u>     | 47       | +        | +-                                  | ⊢   | ⊢        | ┞            | +-       | $\vdash$       | $\vdash$     | $\vdash$        |
| <del> </del> | 48       | +-       | ╀╌                                  | ╁   | $\vdash$ | ┼            | +        | <del> </del>   | -            | $\vdash$        |
| $\vdash$     | 49<br>50 | +        | ╀                                   | <del> </del>  | $\vdash$ | $\vdash$     | $\vdash$ | ├              | $\vdash$     | $\vdash$        |
| 1            | 1 50     | 1        | 1                                   | 1   |          |              | 1        | 1              | 1            | 1 1             |

| Cla  | im             | Date   |  |  |   |  |              |          |           |              |
|--|----------------|--|--|--|---|--|--------------|----------|-----------|--------------|
| Final  | Original       |  |  |  |   |  |              |          |           |              |
| _  |                |  |  |  |   |  | _            | _        | _         |              |
| ļ  | 51             | $\vdash$   |  |  |   | $\dashv$   |              |          |           |              |
| ļ  | 52<br>53       |  |  |  | -   | -  |              |          | ᅫ         |              |
| ļ  | 54             |  | -  |  | -   |  |              | -        | -         |              |
| <b></b>  | 55             | Н  | -  | _  | -   |  | -            |          | $\dashv$  |              |
| ├─   | 56             | $\vdash$   | $\vdash$   | -  | -   | $\dashv$   | ᅱ            | ┪        | -         |              |
| <del>                                     </del> | 57             | H  | $\vdash$   |  | $\vdash$  | -  | $\dashv$     |          | -         | _            |
| ┝  | 58             | H  | $\dashv$   |  |   |  | -            |          |           | -            |
| <del> </del>                                     | 59             |  |  |  | $\vdash$  |  |              | $\dashv$ |           |              |
| <b></b>  | 60             |  |  |  |   |  |              | ┪        | $\neg$    |              |
| <b></b>  | 61             | Н  |  |  |   |  |              |          |           |              |
|  | 62             | $\Box$   |  |  | П   |  |              | $\neg$   | $\neg$    |              |
|  | 62<br>63       | Г  |  |  |   |  |              |          |           |              |
|  | 64<br>65       |  |  |  |   |  |              |          |           |              |
|  | 65             |  |  | ·  |   |  |              |          |           |              |
|  | 66             |  |  |  |   |  |              |          |           |              |
|  | 67             |  |  |  |   |  |              |          |           |              |
|  | 68             |  |  |  |   |  |              |          |           |              |
|  | 69<br>70       |  |  |  |   |  |              |          |           |              |
|  | 70             |  |  |  |   |  |              |          |           | L.,          |
|  | 71             |  |  |  |   |  |              |          |           |              |
|  | 71<br>72<br>73 |  | $ldsymbol{ld}}}}}}$ | _  | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |  |              |          |           |              |
|  | 73             |  |  | <u> </u>   |   |  |              |          |           | _            |
|  | 74<br>75       | 乚  | Ш  | <u> </u>   |   |  |              | Ш        | _         | _            |
|  | 75             | _  | L  | <u> </u>   | _   | _  |              |          |           | _            |
| <u> </u>   | 76             | ╙  |  | <u> </u>   |   | $\vdash$   | Ш            |          | _         | <u> </u>     |
| ļ  | 77             |  | ļ  |  |   | <u> </u>   |              |          |           | -            |
|  | 78             | -  | _  | <u> </u>   | -   |  | -            | _        |           | -            |
| <u> </u>   | 79             | ⊢  | _  | <b>-</b>   |   | -  | _            | -        | _         | -            |
| <u> </u>   | 80             |  | -  | -  | ⊢   |  | -            | Н        | _         | -            |
| <b>—</b>   | 81<br>82       | -  | $\vdash$   | $\vdash$   | $\vdash$  | -  | $\vdash$     | -        | $\vdash$  |              |
|  | 83             | -  | ┢  | ┝  | -   | -  | $\vdash$     | -        | -         | Ι-           |
| -  | 84             | -  | -  | -  | -   | -  | $\vdash$     | -        | Н         | -            |
|  | 85             |  | -  | -  |   | <del>                                     </del> | -            | -        |           | <del> </del> |
| -  | 86             | ┼──  | -  | -  | <del> -</del>   | ┢┈   | <del> </del> | H        | <b></b> - | ├            |
| <b> </b>   | 87             | <del> </del>                                     | <del> </del>   | -  | $\vdash$  | <del> </del>                                     |              | -        |           | <del> </del> |
| -  | 88             | <del>                                     </del> | -  | <del>                                     </del> | ┢   | ┢  | _            | Ι        | ┢┈        | ┢            |
| <u></u>  | 89             | _  | $\vdash$   | 1  | <del>                                     </del>  | <del>                                     </del> | $\vdash$     | $\vdash$ | $\vdash$  | Τ            |
| <b> </b>   | 90             | 1  | 1  | $\vdash$   | <del>                                     </del>  | Н  | $\vdash$     | 1        | <u> </u>  |              |
|  | 91             | Т  | $\vdash$   | T  | Т   | Г  | Г            |          |           |              |
|  | 92             | Г  | 1  |  |   |  |              | L        |           |              |
|  | 93             |  |  |  |   |  |              |          |           |              |
|  | 94             | L  |  |  |   |  |              |          |           | 匚            |
|  | 95             |  |  |  |   |  |              |          |           |              |
|  | 96             |  |  |  | $\Box$  |  | L            | L        |           | L            |
|  | 97             |  |  |  | Ĺ   |  | Ĺ            | L        | L         | L            |
|  | 98             | L  |  |  |   |  | L            | $\Box$   | L         | L            |
|  | 99             |  |  | L  | L   | L  | L            | <u> </u> | <u> </u>  | L            |
|  | 1400           | 1  | 1  | 1  |   | 1  |              |          | ı         | •            |

| Final          | Original   |              |              |              |          | Date     |              |          |              |              |
|----------------|--|--------------|--------------|--------------|----------|----------|--------------|----------|--------------|--------------|
| Final          | rigina   |              |              |              |          |          |              |          |              | . 1          |
| 臣              | ġ  |              |              |              |          |          |              |          |              |              |
|                |  |              |              |              |          |          |              |          |              |              |
|                | 0  |              |              |              |          |          |              | -        |              |              |
|                | 101  |              |              |              | -        |          |              |          |              | П            |
|                | 102  |              |              |              | _        |          |              |          |              |              |
|                | 103  |              |              |              |          | _        | _            |          | _            |              |
|                | 102<br>103<br>104<br>105   |              | _            |              |          | _        |              | _        | _            |              |
|                | 105  | $\Box$       | -            |              | _        | П        |              |          |              |              |
|                | 106  |              | ŕ            | П            | $\vdash$ | $\vdash$ |              | Τ.       |              |              |
|                | 107<br>108   |              |              |              | Г        |          |              |          |              |              |
|                | 108  |              |              |              |          |          |              |          |              |              |
|                | 109  |              |              |              |          |          |              |          |              |              |
|                | 110  |              |              | Г            |          |          |              |          |              |              |
|                | 109<br>110<br>111  |              |              |              | T        |          |              |          |              |              |
|                | 112  |              |              |              |          |          |              |          |              |              |
|                | 113  |              |              |              | L        |          |              | L        |              |              |
|                | 114  |              |              |              |          |          |              |          |              |              |
|                | 112<br>113<br>114<br>115   |              |              |              |          |          |              |          |              |              |
|                | 116  |              |              |              |          |          |              |          |              |              |
|                | 117<br>118<br>119  |              |              |              |          |          |              |          |              |              |
|                | 118  |              |              |              |          |          | 匚            |          | L            | L            |
|                | 119  |              |              |              |          |          | L            |          |              | L            |
|                | 120<br>121   |              |              |              |          |          |              |          |              |              |
|                | 121  |              |              |              |          |          |              |          |              |              |
|                | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131 |              |              |              |          |          |              |          |              |              |
|                | 123  |              |              |              |          |          |              |          |              |              |
|                | 124  |              |              |              |          |          |              | L        |              |              |
|                | 125  |              | _            |              |          |          |              | L        |              | L            |
|                | 126  |              | L            | L            | L        |          | L            | L        | <u> </u>     | <u> </u>     |
|                | 127  | _            | L            | L            | <u> </u> | L        | <u> </u>     | L        | _            | <u> </u>     |
|                | 128  | L            | L.           | _            | 上        | L        | <u> </u>     | _        | ┖            | ┖            |
|                | 129  | <u></u>      | L.           |              | <u> </u> | L_       | <u> </u>     | _        | <u> </u>     | ļ            |
| ·              | 130  | L.           | <u> </u>     | ┖            | _        | ļ        | <b>L</b>     | <u> </u> | ļ            | ļ            |
|                | 131  | ┖            | L            | ┖            | ╙        | ┺        | ╙            | ↓_       | <u> </u>     | ┞            |
|                | 132  | ∟            | ╙            | 1_           | 1        | _        | ļ_           | 1_       | ▙            | ┡            |
| <u> </u>       | 133  | <u> </u>     | <b> </b>     | ┞            | Ļ        | ļ.,      | <u> </u>     | ⊢        | ┡            | ┞            |
| <b> </b>       | 134<br>135   | <del> </del> | ├-           | ـ            | -        | $\vdash$ | <del> </del> | ├        | <del> </del> | ├            |
| <b> </b>       | 135  | -            | ├            | ┼            | $\vdash$ | ┼        | ├            | -        | ╁            | -            |
| <b> </b> -     | 136<br>137   | -            | -            | ⊢            | ╁        | ├        | ┼            | -        | $\vdash$     | ┼            |
|                | 13/  | -            | -            | ╀            | ╂        | ╁        | <del> </del> | ┢        | $\vdash$     | ┼            |
|                | 138  | ┼            | ├            | +            | +-       | ╁        | ₩            | ⊢        | ╂            | ┼-           |
| <b> </b>       | 139<br>140   | ⊢            | $\vdash$     | ┼            | $\vdash$ | +        | $\vdash$     | -        | ╀            | $\vdash$     |
| <u> </u>       | 140  | $\vdash$     | $\vdash$     | ┼            | $\vdash$ | +        | ⊢            | ╁╌       | $\vdash$     | $\vdash$     |
| <del></del>    | 141  | -            | +            | +-           | ╁        | +-       | +-           | ╂~       | +            | <del> </del> |
| <del> </del>   | 143  | $\vdash$     | +            | <del> </del> | +        | ╁        | 1            | 1-       | ╁            | ╁╌           |
| <del>  .</del> | 144  | +            | +-           | +-           | +-       | +-       | +            | ╁╌       | +-           | †            |
| <u> </u>       | 145  | 1            | +-           | +-           | +        | +-       | †            | +        | †            | +            |
|                | 146  | +            | <del> </del> | +            | +-       | +-       | †            | +        | +            | +            |
|                | 147  | +-           | ╁            | +-           | +        | +-       | +            | †        | †            | †            |
| -              | 148  | +            | +            | +            | +-       | ╁╌       | +            | +-       | +-           | t            |
| · -            | 149  | T            | 1            | $t^-$        | T        | 1        | Τ.           | 十        | ╁            | +            |
| <b>-</b>       | 150  | $\vdash$     | +            | +            | +        | $\vdash$ | +-           | t        | +            | $\vdash$     |
|                | , ,,,,   | 1.           |              | 1.           | ٠        | <u></u>  |              | -        | ٠            | 1            |